Mid Term Test Announcement

Course Title: Generative AI
Course Code: CAI3411
Instructors In Charge: Girish Kumar
Other course Instructors: J Alamelu Mangai, Nayana, Anu Joseph, Priyanka Gour, Neha Seirah Biju, Teja Sirapu, Nabjyoti Das

Total Marks: 50   Weightage: 25 %

1. Syllabus:

Module 1: Introduction to Generative AI

Introduction to Generative models: Historical perspective and evolution, Types of Generative models for different data modalities, Applications, Large Language Models (LLMs) – Introduction, evolution, Generative pre-trained transformers (GPT) and its variants

Google DeepMind's, PaLM2, LLaMa and its series of models by Meta AI, Claud and its variants by Anthropic, Prompt Engineering-basic prompting.

Module 2: Text-based Generative models.

Text-based Generative models: State-of-the Art models, RNN, LSTM - Transformer Architecture-Introduction, Tokenisation, Embeddings.

2. SCHEDULE :

        To be Announced by the COE's office.

Mr Girish Lumar (Course I/c)
17.10.25